

IN THE CLAIMS:

1 – 210 (canceled).

211 (new). A device for scanning a dataform comprising at least one laser diode for producing a laser beam, at least one scanning mirror for scanning the beam, at least one collecting optic for collecting reflected light from the dataform, wherein the scanning mirror is a micromachined mirror.

212 (new). The device of claim 211 wherein the collecting optic collects light reflected directly from the dataform.

213 (new). The device of claim 211 wherein the scanning mirror is made of silicon.

214 (new). The device of claim 211 wherein the scanning mirror is connected to a silicon substrate.

215 (new). The device of claim 211 wherein the scanning mirror is driven electrostatically.

216 (new). The device of claim 211 wherein the scanning mirror is suspended between a pair of torsional hinges.

217 (new). The device of claim 212 wherein the scanning mirror is driven electrostatically.

218 (new). A device for reading a dataform comprising a housing, at least one laser diode for producing a laser beam, at least one scanning mirror for scanning the beam, at least one collecting optic for collecting reflected light from the dataform, wherein the scanning mirror is a micromachined mirror.

219 (new). The device of claim 218 wherein the collecting optic collects light reflected directly from the dataform.

220 (new). The device of claim 218 wherein the scanning mirror is made of silicon.

221 (new). The device of claim 218 wherein the scanning mirror is connected to a silicon substrate.

222 (new). The device of claim 218 further comprising at least one of a key pad and a display on the housing.

223 (new). The device of claim 218 wherein the scanning mirror is driven electrostatically.

224 (new). The device of claim 218 wherein the housing is a portable electronic device.

225 (new). The device of claim 224 wherein the portable electronic device is a personal digital assistant.

226 (new). The device of claim 218 wherein the housing is embedded in an interface module.

227 (new). The device of claim 219 wherein the scanning mirror is driven electrostatically.

228 (new). The device of claim 219 wherein the scanning mirror is suspended between a pair of torsional hinges.

229 (new). A method of reading a dataform comprising the steps of presenting a device that outputs a scanning laser beam, presenting an object with a dataform, aligning the object with the device so that the scanning laser beam shines at least partially on the dataform, wherein the device has a micromachined mirror for scanning the laser beam and at least one collecting optic.

230 (new). The method of claim 229 wherein the micromachined mirror is made of silicon.

231 (new). The method of claim 229 wherein the collecting optic collects light reflected directly from the dataform.

232 (new). The method of claim 229 wherein the micromachined mirror is driven electrostatically.

233 (new). The method of claim 229 wherein the micromachined mirror is suspended between a pair of torsional hinges.

234 (new). The method of claim 231 wherein the micromachined mirror is driven electrostatically.